

OCTOBER

at the

CALIFORNIA ACADEMY OF SCIENCES

THE 1961 ANNUAL MEETING OF THE ACADEMY

Wednesday evening, October 4,
7:30 p.m..

Due to the success of last year's OPEN HOUSE, members who live within reasonable driving distance of the Academy have been invited to enjoy unusual motion pictures in Morrison Auditorium, tours of Steinhart Aquarium and special demonstrations of the Morrison Planetarium projector.

MORRISON PLANETARIUM

Beginning October 3, "LIGHT AND COLOR IN THE SKY", one of the Planetarium's most popular and appealing astronomy shows, will feature a beautiful display of the aurora together with many other exciting demonstrations of nature's coloration of the heavens. Admission: Adults, 75¢, Juniors, 40¢.

Performances: Monday Closed
Tuesday 3:30 p.m. only
Wednesday, Thursday
Friday 3:30 & 8:30 p.m.
Saturday &
Sunday 2:00, 3:30, 8:30 p.m.

SPECIAL EXHIBITS

"SPACE, LINES AND SOLIDS", elaborate drawings and fascinating models created by Professor Hugo Adrian Graziotto of San Francisco. Lovell White Hall of Man and Nature from October 8 throughout December.

"WILDFLOWERS OF CALIFORNIA", beautifully rendered watercolors by Mrs. Ruth Moranda of Ferndale. Alice Eastwood Hall of Botany, through November.

Admission to these exhibits is free.

"SCIENCE IN ACTION"

Monday nights, 7:00 p.m., KRON-TV, Channel 4
Oct. 2: "TO THE MOON AND BEYOND" with Guest Scientist Dr. Rex Mack, Hughes Aircraft Co.
Oct. 9: "GLANDS -- Chemical Messengers", with Dr. Harold Harper, U.C. School of Medicine.
Oct. 16: "WHALES", with Dr. Raymond M. Gilmore, U.S. Dept. of the Interior, Fish & Wildlife Service.
Oct. 23: "MICRO-ELECTRONICS", with Gerald Selvin, Sylvania Electronics Systems Division.
Oct. 30: "HIMALAYA EXPEDITION", with Dr. Lawrence Swan, San Francisco State College.

NEWS and NOTES

Visitors from around the world have come to the Academy during the past weeks for conference and consultation with their peers in the various departments. Among the many guests have been Professor B. M. Johri of the University of Delhi, a specialist in Santalales (a group of parasitic flowering plants); Dr. Maria Buchinger of the Argentinian Forest Service, Buenos Aires; Professor N. A. Qazilbash, Chairman of the Department of Botany, University of Peshawar, Pakistan; Dr. Takuji Koshimizu, Vice President of the Natural Conservation Society of Japan; Dr. Henry K. Svenson, U. S. Geological Survey, Washington, D. C.; Dr. Donald F. McMichael, of the Australian Museum at Sydney; Dr. R. Tucker Abbott of the Academy of Natural Sciences, Philadelphia; Dr. Norman D. Newell of the American Museum of Natural History, New York City; and Dr. James C. Atz, Director of the New York Aquarium.

Final details are nearing completion on the redwood exhibit which will be a permanent feature of the Alice Eastwood Hall of Botany. The handsome wood and metal railing has been installed and work is now under way on the projector which is an important part of the push button arrangement animating this particular exhibit. Twelve historical dates from 207 A. D. to 1917 (the date the tree fell) will be indicated by special lighted arrows when the display is finished.

Members of the Academy staff who attended the Tenth Pacific Science Congress in Hawaii during the latter part of August were Dr. Robert C. Miller, Director of the Academy, Dr. Elizabeth McClintock, Botany, Mrs. Lillian Dempster, Ichthyology, Dr. Earl S. Herald, Aquatic Biology, Don Graeme Kelley, Editor of PACIFIC DISCOVERY, and Benjamin Draper, Executive Producer, and Allan Kohlwes of the Television Department.

Mr. R. C. Barneby of New York City has presented the Department of Botany with 200 selected specimens of western plants, including several types of *Astragalus* (loco-weed). Mr. Barneby is an American authority on this particular genus.

Dr. Richard C. Banks, recently of the Museum of Vertebrate Zoology at the University of California at Berkeley, now is using the Academy as his headquarters as he pursues his "Study of Avian Relationships in Southern Baja California", a research project made possible by a grant from the National Science Foundation. During the coming year, Dr. Banks plans three separate trips to Lower California, the first to take place in mid-October. He will concentrate on the birds of Cerralvo Island in the Gulf of California.

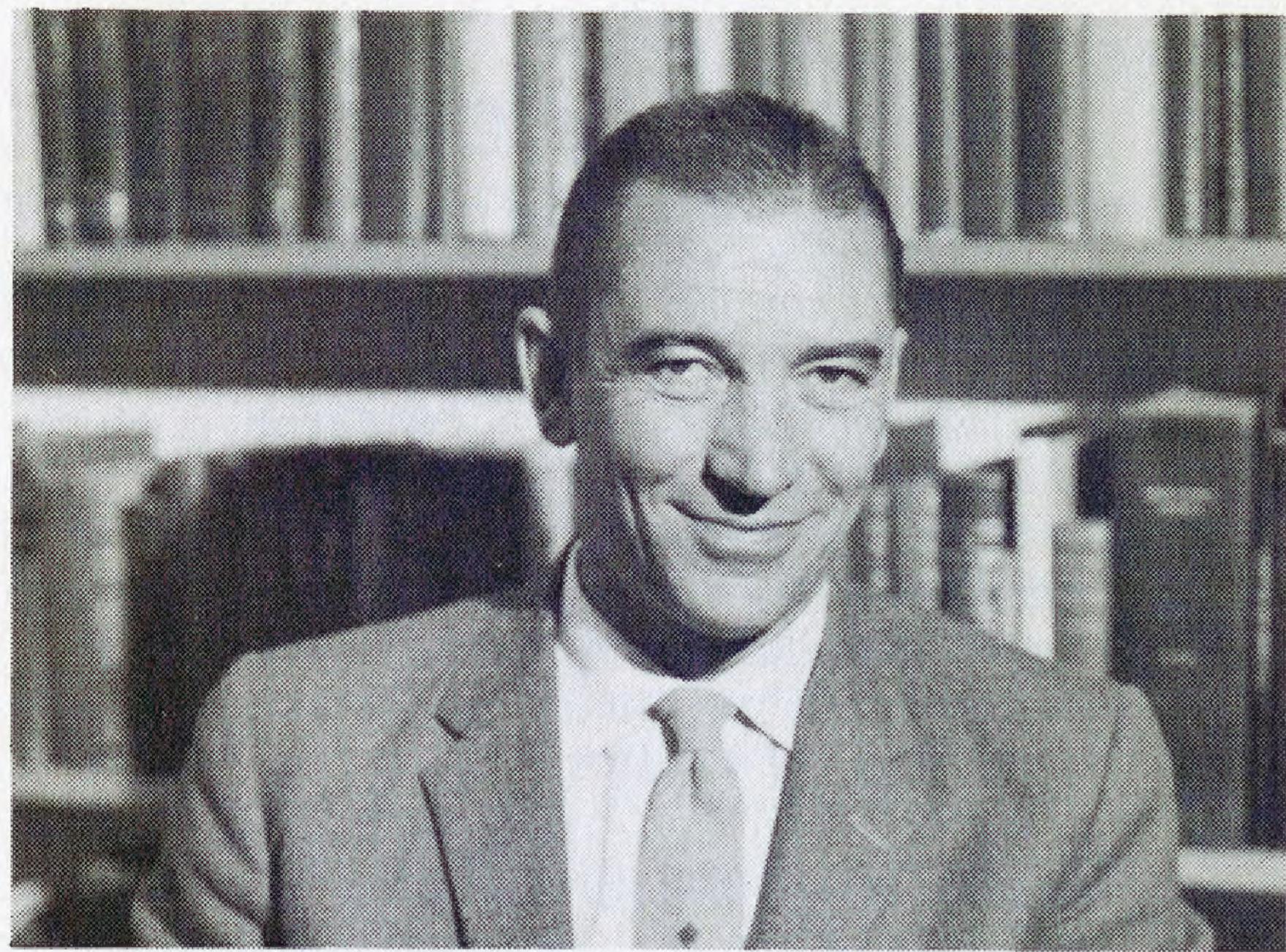
Dr. and Mrs. G. Dallas Hanna, Allyn G. Smith and Charles W. Chesterman of the Department of Geology spent a week in September in the Goose Lake Meteorite Area in northeastern California.

The Astronomy Section's October meeting is scheduled for Wednesday evening, October 25 at 7:30 p. m.. Featured will be a motion picture, "Earth Satellites". All members of the Academy are invited to enjoy this special film in Morrison Auditorium.

Dr. and Mrs. Edward L. Kessel have returned from the first of a series of collecting trips made possible by a National Science Foundation grant (see NEWSLETTER, September, 1961) which took them as far as Fort Rae and Yellow Knife in the Northwest Territories in their pursuit of Platypezidae (flat-footed flies). Of the more than 400 specimens collected on the trip, some 60 from this area represented species heretofore unrecorded north of Alberta.

Santa Claus arrived in August when the Botany Department received a much-appreciated Christmas present in the form of 8 herbarium cases specially built for cryptogams (mosses, fungi, lichens, etc.). The cases were constructed in the Academy's wood-working shop but the materials were supplied from that part of the Academy's 1960 Christmas fund designated by donors as being for the Botany Department. The Department is earnestly hoping that Santa Claus is a hardy perennial!

Meet the President



DR. A. STARKER LEOPOLD, President of the Academy since 1959, was born in Burlington, Iowa, received his B. S. degree at the University of Wisconsin, attended the Forestry School at Yale, and then received his Ph. D. in Zoology from the University of California at Berkeley in 1944. In 1946, he joined the teaching staff of that institution and in 1959 was appointed Associate Director of the Museum of Vertebrate Zoology, a position he still holds, and is also Assistant to the Chancellor of the University.

Having an eminent father who was an internationally-known expert in the science of game management, Dr. Leopold acquired an early interest in wildlife ecology and management which has persisted during his entire life as a scientist and teacher. Fifteen years were spent in the study, research and writing of his "Wildlife of Mexico", published in 1959 by the University of California Press. He lived in Mexico for two years of that period and his resultant book is recognized as being singularly important in its field. Prior to that he had also authored (with F. F. Darling) a "Wildlife of Alaska".

With his wife Elizabeth and their twelve-year-old daughter Sarah, he spends almost every week end of the year hunting, fishing, or just plain walking in the environs of their cottage in the hills south of Livermore or around a similar retreat near Marysville. When this does not satisfy their particular needs, they work on a special duck marsh now under construction. A son, Frederic, is currently in the U. S. Marines.

Dr. Leopold has two particular interests now occupying his professional time: (1) A survey of the ecology of the Sierra del Nido in Chihuahua where the last of the southwest's grizzly bears have been found, an area he hopes one day to see made into a national park or wildlife preserve by the Mexican Government; (2) A study of the Laysan duck, a species found only on this tiny and remote island of Hawaii's leeward chain.

Before Christmas of this year, another book he has written, "The Desert", will appear. It is one of the Nature Library series published by Time & Life, Inc.

Recent Scientific Publications of the California Academy of Sciences

Occasional Papers:

"The Immature Stages of *Callomyia*, With the Description of a New Species of this Genus (Diptera: Platypezidae)". Edward L. Kessel. No. 30, August 31, 1961. 25¢

Proceedings:

"Large Terebras (Mollusca) from the Eastern Pacific". G. Dallas Hanna and Leo G. Hertlein. Vol. XXX, No. 3, August 31, 1961. 35¢

"Four Species of Chitons from the Panamic Province (Mollusca: Polyplacophora)". Allyn G. Smith. Vol. XXX, No. 4. August 31, 1961. 50¢

NEW MEMBERS OF THE ACADEMY

REGULAR MEMBERSHIP

Mr. Steven C. Anderson
Mr. Ivan C. Barker
Mrs. Josephine M. Dillman
Mr. Donald Gallagher
Miss Barbara Bonnickson
Mr. Carlton M. Carson
Miss Candace Gibbs
Dr. Frank M. Goyan
Mr. George T. Herda
Dr. M. E. Horan
Mr. Ernest Paul Johnson
Mr. Richard M. Klein
Mr. William Lamon
Dr. Nyven J. Marchette
Mr. Robert L. Morgan
Miss Norma Ockree
Miss Lisa T. Painter
Mr. Kenneth Pratt
Mrs. Willis Pratt
Miss Emma Reschke
Mr. Charles L. Rickard
Mr. Terry A. Schulz
Dr. Charles A. Scrivener
Mr. Daniel Tortorelli
Mr. Tomas S. Vanasek
Mr. John S. Warriner
Mr. Robert L. York
Miss Helen Zarkos

FAMILY MEMBERSHIP

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Mr. Carlton Dudley
Mr. Albert J. Silva
Mr. & Mrs. Robert J. Jenkins
Lt. Col. R. W. Jones, Jr.

SUBSCRIBING MEMBERSHIP

Mr. & Mrs. R. C. Lebkicher

STUDENT MEMBERSHIP

Gordon Field
Frank Kiernan, Jr.
Eric Lahti
Duane Lee Louna
William Pope
Bob Propersi

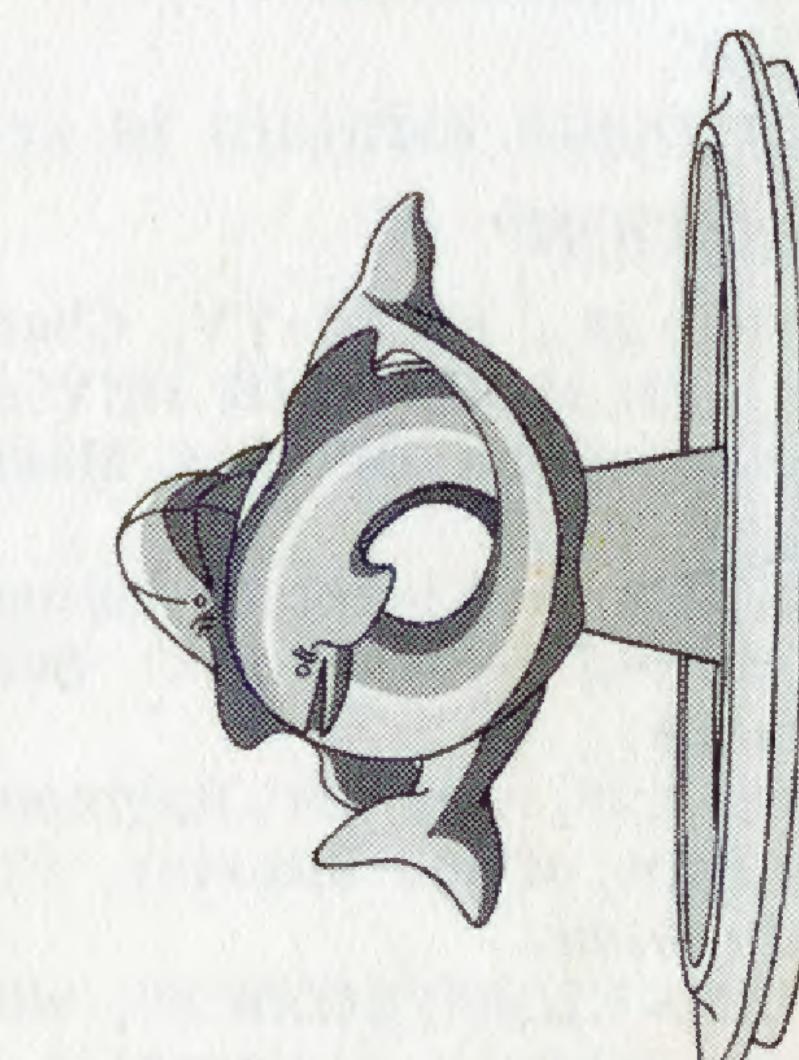
THE CALIFORNIA ACADEMY OF SCIENCES
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